

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WG2XFT

(Call Sign)

0191-EX-PL-2012

(File Number)

NAME The Boeing Company

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(i) of the Commission's Rules

Station Locations

(1) St. Charles (ST CHARLES), MO - NL 38-55-36; WL 90-22-34

Frequency Information

St. Charles (ST CHARLES), MO - NL 38-55-36; WL 90-22-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-810 MHz	FX	NON	10 W (ERP)	
1300-1350 MHz	FX	NON	10 W (ERP)	
1390-1430 MHz	FX	NON	10 W (ERP)	
1610-1755 MHz	FX	NON	10 W (ERP)	

This authorization effective November 01, 2012 and
will expire 3:00 A.M. EST October 31, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (4) Licensee must get consent from the Advanced Wireless Service licensees prior to operation in 1710-1755 MHz.
- (5) Operation is NOT PERMITTED using the frequency band 610-614 MHz, 756-775 MHz, 788-805 MHz and 1565-1610 MHz.
- (6) Operation is subject to prior coordination with FAA Central Regional Office at 601 East 12th St., Kansas City, Missouri 64106, ATTN: Frequency Management Office: PH 816-426-5647.
- (7) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Navy with contract number showing on the exhibit of this application. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (8) The designated point-of-contact to terminate transmissions if interference occurs is John Vortmeier at (636) 250-3814.